
TABLE OF CONTENTS

Chapter	Page
<u>Volume One</u>	
ABSTRACT	
DEAR READER LETTER	
EXECUTIVE SUMMARY	
CHAPTER 1. INTRODUCTION.....	1-1
1.1 Background.....	1-1
1.1.1 Forest Service Involvement.....	1-6
1.1.2 USFWS Involvement	1-7
1.1.1.1 Other Federal Agency Involvement.....	1-10
1.1.2.1 State Government and Wildlife Agencies Involvement.....	1-10
1.1.3 Idaho and Southwestern Montana Sub-Region.....	1-10
1.2 Purpose and Need	1-13
1.3 Description of the Greater Sage-Grouse Planning Area	1-14
1.3.1 Overview	1-14
1.3.2 Land Uses.....	1-19
1.4 Planning Process.....	1-21
1.4.1 BLM Planning Process.....	1-21
1.4.2 Forest Service Planning Process	1-25
1.5 Public Input and Identification of Issues.....	1-27
1.5.1 The Scoping Process	1-27
1.5.2 Issues Identified for Consideration in the Idaho and Southwestern Montana Sub-Region.....	1-29
1.5.3 Planning Issues.....	1-29
1.5.4 Public Comment on the Draft LUPA/EIS	1-37
1.6 Development of Planning Criteria.....	1-38
1.6.1 Preliminary Planning Criteria	1-38
1.7 Relationship to Other Policies, Plans and Programs.....	1-41
1.7.1 Federal Plans.....	1-41
1.7.2 State Plans	1-42
1.7.3 County Plans.....	1-42
1.7.4 Endangered Species Recovery Plans.....	1-44
1.7.5 Memoranda of Understanding.....	1-44
1.7.6 Activity Plans and Amendments	1-47
1.7.7 Habitat Management Plans.....	1-47
1.7.8 Secretarial Order 3336.....	1-47
CHAPTER 2. PROPOSED ACTION AND ALTERNATIVES.....	2-1
2.1 Changes between the Draft LUPA/EIS and Proposed LUPA/Final EIS	2-1
2.2 Introduction	2-5
2.3 Introduction to Draft Alternatives.....	2-6

TABLE OF CONTENTS (*continued*)

Chapter		Page
	2.3.1 Components of Alternatives	2-6
	2.3.2 Purpose of Alternatives Development	2-6
2.4	Alternative Development Process for the Idaho and Southwestern Montana Greater Sage-Grouse Land Use Plan Amendment.....	2-7
	2.4.1 Develop a Reasonable Range of Alternatives.....	2-7
	2.4.2 Resulting Range of Alternatives in Draft LUPA/EIS.....	2-8
	2.4.3 Selection of and Rationale for identifying the co-Preferred Alternatives	2-9
2.5	BLM/Forest Service Resource Programs for Addressing GRSG Threats	2-10
2.6	Proposed Plan Amendment.....	2-10
	2.6.1 Development of the Proposed Plan Amendment for GRSG Management	2-10
	2.6.2 BLM Proposed Plan Amendment.....	2-14
	2.6.3 Forest Service Proposed Plan Amendment	2-58
2.7	Adaptive Management, Monitoring, and Mitigation	2-73
	2.7.1 Adaptive Management Plan.....	2-74
	2.7.2 Monitoring for the Greater Sage-grouse Planning Strategy.....	2-75
	2.7.3 Regional Mitigation.....	2-77
2.8	Draft LUPA/EIS Alternatives	2-79
	2.8.1 Alternative A (No Action).....	2-79
	2.8.2 Management Common to Action Alternatives	2-79
	2.8.3 Alternative B.....	2-80
	2.8.4 Alternative C.....	2-80
	2.8.5 Alternative D	2-81
	2.8.6 Alternative E.....	2-81
	2.8.7 Alternative F	2-82
2.9	Summary Comparison of Proposed Plan Amendment and Draft Alternatives.....	2-82
2.10	Detailed Description of Draft Alternatives	2-101
	2.10.1 How to Read Tables 2-10 and 2-11.....	2-101
	2.10.2 Goals and Objectives	2-103
	2.10.3 Management Actions.....	2-107
2.11	Issues and/or Alternatives Eliminated from Detailed Analysis	2-201
	2.11.1 USFWS-Listing Alternative	2-201
	2.11.2 Elimination of Recreational Hunting.....	2-201
	2.11.3 Predation	2-201
	2.11.4 Close All or Portions of PHMA or GHMA to Off-Highway Vehicle Use	2-202
	2.11.5 Consideration of Coal Mining.....	2-203
2.12	Incorporated in Whole or In Part	2-203
	2.12.1 Custer County and Owyhee County Sage-Grouse Plans	2-203

TABLE OF CONTENTS (*continued*)

Chapter		Page
2.12.2	Greater Yellowstone Coalition ACECs and Audubon Suggested Management Actions.....	2-203
2.12.3	Broad-scale Increased Grazing	2-204
2.13	Summary Comparison of Environmental Consequences	2-204
CHAPTER 3.	AFFECTED ENVIRONMENT	3-1
3.1	Introduction	3-1
3.1.1	Organization of Chapter 3.....	3-3
3.2	Special Status Species – Greater Sage-Grouse	3-5
3.2.1	Conditions within the Planning Area.....	3-5
3.2.2	Habitat Conditions and Trends	3-12
3.2.3	Regional Context.....	3-12
3.3	Vegetation.....	3-23
3.3.1	Conditions within the Planning Area.....	3-24
3.3.2	Conditions on BLM-Administered Lands.....	3-26
3.3.3	Conditions on National Forest System Lands.....	3-34
3.3.4	Trends.....	3-34
3.3.5	Regional Context.....	3-34
3.4	Fish and Wildlife.....	3-41
3.4.1	Terrestrial Wildlife	3-41
3.4.2	Aquatic Wildlife.....	3-42
3.5	Other Special Status Species	3-46
3.5.1	Conditions within the Planning Area.....	3-46
3.6	Wild Horse and Burro Management.....	3-54
3.6.1	Conditions on BLM-Administered Lands.....	3-54
3.6.2	Conditions on National Forest System Lands.....	3-56
3.6.3	Regional Context.....	3-56
3.7	Wildland Fire Management	3-57
3.7.1	Conditions within the Planning Area.....	3-59
3.7.2	Trends.....	3-60
3.7.3	Regional Context.....	3-65
3.8	Livestock Grazing.....	3-65
3.8.1	Conditions within the Planning Area.....	3-69
3.8.2	Regional Context.....	3-70
3.9	Recreation	3-71
3.9.1	Conditions within the Planning Area.....	3-71
3.9.2	Trends	3-76
3.10	Travel Management.....	3-78
3.10.1	Conditions on BLM-Administered Lands.....	3-78
3.10.2	Conditions on National Forest System Lands.....	3-81
3.10.3	Current Conditions	3-82
3.10.4	Regional Context.....	3-83

TABLE OF CONTENTS (*continued*)

Chapter		Page
3.11	Lands and Realty.....	3-84
3.11.1	Conditions within the Planning Area.....	3-85
3.11.2	Trends.....	3-94
3.11.3	Regional Context.....	3-95
3.12	Mineral Resources	3-98
3.12.1	Conditions within the Planning Area.....	3-100
3.12.2	Trends.....	3-112
3.13	Special Designations.....	3-117
3.13.1	Areas of Critical Environmental Concern (ACEC)	3-117
3.13.2	Wilderness	3-119
3.13.3	Wilderness Study Areas.....	3-129
3.13.4	National Landscapes, Monuments, and Conservation Areas.....	3-130
3.13.5	Wild and Scenic Rivers.....	3-132
3.13.6	Regional Context.....	3-134
3.14	Soil Resources	3-135
3.14.1	Conditions within the Planning Area.....	3-136
3.14.2	Trends.....	3-138
3.15	Water Resources	3-139
3.15.1	Existing Conditions	3-139
3.15.2	Conditions within the Planning Area.....	3-139
3.15.3	Trends.....	3-143
3.16	Cultural Resources.....	3-143
3.16.1	Considering Effects on Cultural Resources Pursuant to Section 106 of the NHPA	3-144
3.16.2	Conditions of the Planning Area	3-145
3.16.3	Trends.....	3-149
3.17	Tribal Interests	3-149
3.18	Visual Resources	3-153
3.18.1	Conditions on BLM-Administered Lands.....	3-153
3.18.2	Conditions on National Forest System Lands.....	3-155
3.19	Lands with Wilderness Characteristics	3-157
3.20	Forest Service Roadless Areas	3-159
3.21	Air Quality and Climate Change.....	3-161
3.21.1	Conditions within the Planning Area.....	3-161
3.21.2	Conditions on BLM-Administered and National Forest System Lands.....	3-163
3.21.3	Trends.....	3-163
3.22	Social and Economic Conditions (Including Environmental Justice)	3-164
3.22.1	Indicators	3-169
3.22.2	Existing Conditions and Trends.....	3-169
3.23	Forest and Woodland Products.....	3-200

TABLE OF CONTENTS (continued)

Chapter	Page
<u>Volume Two</u>	
CHAPTER 4. ENVIRONMENTAL CONSEQUENCES	4-1
4.1 Analytical Assumptions	4-2
4.1.1 General Methodology for Analyzing Impacts	4-3
4.1.2 Incomplete or Unavailable Information.....	4-4
4.1.3 Mitigation	4-5
4.2 Sage-Grouse and Sage-Grouse Habitat.....	4-5
4.2.1 Methods and Assumptions.....	4-5
4.2.2 Nature and Type of Effects.....	4-9
4.2.3 Impacts on GRSG and GRSG Habitat Common to All Alternatives.	4-20
4.2.4 Alternative A.....	4-31
4.2.5 Impacts Common to All Action Alternatives.....	4-44
4.2.6 Alternative B.....	4-51
4.2.7 Alternative C.....	4-58
4.2.8 Alternative D	4-65
4.2.9 Alternative E.....	4-70
4.2.10 Alternative F	4-77
4.2.11 Proposed Plan	4-80
4.3 Vegetation.....	4-91
4.3.1 Methods and Assumptions.....	4-91
4.3.2 Nature and Type of Effects.....	4-92
4.3.3 Impacts on Vegetation Common to All Alternatives.....	4-97
4.3.4 Alternative A.....	4-98
4.3.5 Alternative B.....	4-109
4.3.6 Alternative C	4-129
4.3.7 Alternative D	4-131
4.3.8 Alternative E.....	4-133
4.3.9 Alternative F	4-135
4.3.10 Proposed Plan	4-136
4.4 Wild Horse and Burro Management.....	4-140
4.4.1 Methods and Assumptions.....	4-140
4.4.2 Nature and Type of Effects.....	4-141
4.4.3 Impacts Common to All Alternatives.....	4-142
4.4.4 Alternative A.....	4-142
4.4.5 Alternative B	4-144
4.4.6 Alternative C	4-145
4.4.7 Alternative D	4-146
4.4.8 Alternative E	4-148
4.4.9 Alternative F	4-149
4.4.10 Proposed Plan	4-150

TABLE OF CONTENTS (*continued*)

Chapter		Page
4.5	Wildland Fire Management.....	4-154
4.5.1	Methods and Assumptions.....	4-154
4.5.2	Nature and Type of Effects.....	4-155
4.5.3	Impacts on Wildland Fire Management Common to All Alternatives	4-157
4.5.4	Alternative A.....	4-159
4.5.5	Alternative B.....	4-160
4.5.6	Alternative C.....	4-162
4.5.7	Alternative D	4-164
4.5.8	Alternative E.....	4-166
4.5.9	Alternative F	4-168
4.5.10	Proposed Plan	4-170
4.6	Livestock Grazing/Range Management.....	4-173
4.6.1	Methods and Assumptions.....	4-173
4.6.2	Nature and Type of Effects.....	4-174
4.6.3	Impacts on Livestock Grazing Common to All Alternatives.....	4-178
4.6.4	Alternative A.....	4-179
4.6.5	Alternative B.....	4-186
4.6.6	Alternative C.....	4-188
4.6.7	Alternative D	4-190
4.6.8	Alternative E.....	4-192
4.6.9	Alternative F	4-194
4.6.10	Proposed Plan	4-196
4.7	Travel Management.....	4-203
4.7.1	Methods and Assumptions.....	4-204
4.7.2	Nature and Type of Effects.....	4-205
4.7.3	Impacts on Travel Management Common to All Alternatives.....	4-206
4.7.4	Alternative A.....	4-206
4.7.5	Alternative B.....	4-206
4.7.6	Alternative C.....	4-207
4.7.7	Alternative D	4-207
4.7.8	Alternative E.....	4-207
4.7.9	Alternative F	4-207
4.7.10	Proposed Plan	4-207
4.8	Lands and Realty.....	4-208
4.8.1	Methods and Assumptions.....	4-208
4.8.2	Nature and Type of Effects.....	4-210
4.8.3	Impacts on Lands and Realty Common to All Alternatives.....	4-211
4.8.4	Alternative A.....	4-212
4.8.5	Alternative B.....	4-213
4.8.6	Alternative C	4-215
4.8.7	Alternative D	4-216



TABLE OF CONTENTS (continued)

Chapter		Page
	4.8.8 Alternative E.....	4-218
	4.8.9 Alternative F	4-219
	4.8.10 Proposed Plan	4-220
4.9	Leasable Minerals (Leased and Unleased), Including Fluid Minerals and Nonenergy Solid Leasable Minerals.....	4-224
	4.9.1 Fluid Minerals.....	4-224
	4.9.2 Geothermal	4-236
4.10	Locatable Minerals.....	4-248
	4.10.1 Methods and Assumptions.....	4-249
	4.10.2 Nature and Type of Effects.....	4-250
	4.10.3 Impacts on Locatable Minerals Common to All Alternatives.....	4-251
	4.10.4 Alternative A.....	4-252
	4.10.5 Alternative B.....	4-252
	4.10.6 Alternative C.....	4-253
	4.10.7 Alternative D	4-253
	4.10.8 Alternative E.....	4-253
	4.10.9 Alternative F	4-254
	4.10.10 Proposed Plan	4-254
4.11	Mineral Materials (Salables).....	4-254
	4.11.1 Methods and Assumptions.....	4-254
	4.11.2 Nature and Type of Effects.....	4-255
	4.11.3 Alternative A.....	4-256
	4.11.4 Alternative B	4-256
	4.11.5 Alternative C.....	4-257
	4.11.6 Alternative D	4-257
	4.11.7 Alternative E	4-257
	4.11.8 Alternative F	4-258
	4.11.9 Proposed Plan	4-258
4.12	Nonenergy Leasable Minerals.....	4-259
	4.12.1 Methods and Assumptions.....	4-259
	4.12.2 Nature and Type of Effects.....	4-260
	4.12.3 Alternative A.....	4-261
	4.12.4 Alternative B	4-262
	4.12.5 Alternative C.....	4-263
	4.12.6 Alternative D	4-263
	4.12.7 Alternative E	4-264
	4.12.8 Alternative F	4-264
	4.12.9 Proposed Plan	4-265
4.13	Special Designations.....	4-266
	4.13.1 ACECs and Zoological Areas	4-266
	4.13.2 Methods and Assumptions	4-266
	4.13.3 Nature and Type of Effects.....	4-267

TABLE OF CONTENTS (*continued*)

Chapter		Page
	4.13.4 Alternative A.....	4-273
	4.13.5 Alternative B.....	4-273
	4.13.6 Alternative C.....	4-273
	4.13.7 Alternative D.....	4-273
	4.13.8 Alternative E.....	4-273
	4.13.9 Alternative F.....	4-274
	4.13.10 Proposed Plan	4-274
4.14	Lands with Wilderness Characteristics and Roadless Areas.....	4-276
	4.14.1 Methods and Assumptions.....	4-276
	4.14.2 Nature and Type of Effects.....	4-277
	4.14.3 Impacts on lands with Wilderness Characteristics Common to All Alternatives.....	4-279
	4.14.4 Alternative A.....	4-283
	4.14.5 Alternative B.....	4-284
	4.14.6 Alternative C.....	4-285
	4.14.7 Alternative D	4-285
	4.14.8 Alternative E.....	4-286
	4.14.9 Alternative F	4-287
	4.14.10 Proposed Plan	4-287
4.15	Social and Economic Conditions (Including Environmental Justice)	4-290
	4.15.1 Methods and Assumptions.....	4-290
	4.15.2 Nature and Types of Effects.....	4-292
	4.15.3 Economic Impacts.....	4-293
	4.15.4 Social Impacts.....	4-310
	4.15.5 Environmental Justice Impacts.....	4-316
4.16	The Relationship Between Short-Term Uses of the Human Environment and Maintenance and Enhancement of Long-Term Productivity	4-319
4.17	Irreversible and Irretrievable Commitment of Resources	4-319
4.18	Unavoidable Adverse Impacts.....	4-320
CHAPTER 5.	CUMULATIVE IMPACTS	5-1
5.1	Greater Sage-Grouse Cumulative Effects Analysis: Idaho and Southwestern Montana	5-1
	5.1.1 Methods.....	5-3
	5.1.2 Assumptions	5-5
	5.1.3 Existing Conditions in WAFWA MZ IV and the Idaho and Southwestern Montana Sub-region	5-6
	5.1.4 Regional Efforts to Manage Threats to GRSG in MZ IV.....	5-9
	5.1.5 Relevant Cumulative Actions.....	5-16
	5.1.6 Threats to GRSG in Management Zone IV	5-17
	5.1.7 Existing Conditions in WAFWA MZs II/VII	5-50
	5.1.8 Regional Efforts to Manage Threats to GRSG in MZs II/VII.....	5-52



TABLE OF CONTENTS (*continued*)

Chapter		Page
	5.1.9 Relevant Cumulative Actions.....	5-55
	5.1.10 Threats to GRSG in Management Zones II/VII	5-56
	5.1.11 Conclusions.....	5-80
	5.1.12 MZ-Wide Reasonably Foreseeable Future Actions Summary Tables.....	5-87
5.2	Cumulative Analysis Methodology.....	5-102
5.3	Past, Present, and Reasonably Foreseeable Future Actions	5-102
	5.3.1 Vegetation	5-156
	5.3.2 Wild Horses and Burros	5-159
	5.3.3 Wildland Fire	5-160
	5.3.4 Livestock Grazing.....	5-162
	5.3.5 Travel and Transportation.....	5-164
	5.3.6 Lands and Realty	5-165
	5.3.7 Leasable Minerals	5-168
	5.3.8 Locatable Minerals	5-170
	5.3.9 Mineral Materials.....	5-171
	5.3.10 Nonenergy Leasable Minerals	5-172
	5.3.11 Special Designations	5-172
	5.3.12 Lands with Wilderness Characteristics	5-173
	5.3.13 Social and Economic Conditions (Including Environmental Justice)	5-174
CHAPTER 6.	CONSULTATION AND COORDINATION	6-1
6.1	Introduction	6-1
6.2	Public Involvement	6-1
	6.2.1 Scoping Period	6-2
	6.2.2 Public Notification of Scoping	6-2
	6.2.3 Public Scoping Open Houses	6-2
	6.2.4 Other Public Involvement.....	6-3
	6.2.5 Public Comment on the Draft LUPA/EIS	6-4
	6.2.6 Future Public Involvement.....	6-14
6.3	Consultation and Coordination	6-15
	6.3.1 Cooperating Agencies	6-15
	6.3.2 USFWS Section 7 Consultation	6-18
	6.3.3 Native American Tribal Consultation.....	6-18
	6.3.4 State Historic Preservation Officer Consultation	6-19
	6.3.5 US Environmental Protection Agency	6-19
6.4	List of Preparers.....	6-20
CHAPTER 7.	REFERENCES	7-1
7.1	References for Chapters 1-6.....	7-1
7.2	References from the GRSG Cumulative Effects Analysis in Chapter 5	7-35

TABLE OF CONTENTS (*continued*)

Chapter		Page
CHAPTER 8. ACRONYMS AND GLOSSARY		8-1
8.1 Acronyms.....		8-1
8.2 Glossary.....		8-4
INDEX		INDEX-1

*Idaho and Southwestern Montana Greater Sage-Grouse Proposed LUPA/Final EIS
June 2015*



Volume One

1-1	Greater Sage-Grouse Distribution.....	1-2
1-2	BLM USFS GRSG Planning Strategy Sub-region/EIS Boundaries.....	1-4
1-3	USFWS Priority Areas for Conservation with Preliminary Priority and General Habitat	1-9
1-4	Idaho and Southwestern Montana Sub-Regional Planning Area	1-11
1-5	Idaho and Southwestern Montana Greater Sage-Grouse Population Areas.....	1-20
1-6	BLM Nine Step Planning Process	1-22
3-1	Western United States WAFWA Zones	3-6
3-2	Wild Horse and Burro Herd Management Areas and Herd Areas.....	3-55
3-3	Fire History in the Planning Area	3-66
3-4	Fire Frequency in the Planning Area.....	3-67
3-5	Special Recreation Management Areas	3-74
3-6	Authorized Rights-of-Way in the Planning Area.....	3-87
3-7	Pending and Expired Rights-of-Way in the Planning Area	3-88
3-8	Oil and Gas Potential of Federal Oil and Gas Mineral Estate	3-101
3-9	Geothermal Potential of Federal Geothermal Mineral Estate.....	3-104
3-10	Mineral Material Commodity Types in the Planning Area.....	3-105
3-11	Locatable Mineral Potential in the Planning Area.....	3-107
3-12	Existing Surface Management Plans or Notices in the Planning Area.....	3-108
3-13	Unleased Known Phosphate Leasing Areas.....	3-113
3-14	Special Designations in the Planning Area	3-118
3-15	Existing Areas of Critical Environmental Concern with Preliminary Priority and General Habitat	3-120
3-16	Lands with Wilderness Characteristics and Roadless Areas in Planning Area.....	3-160

Volume Three (Appendix A)

2-1	Proposed Plan: Conservation Areas
2-2	Proposed Plan: Habitat Management Areas
2-3	Proposed Plan: Sagebrush Focal Areas
2-4	Proposed Plan: Wind and Solar Development Allocations
2-5	Proposed Plan: Available and Unavailable for Grazing
2-6	Proposed Plan: Commercial Service Airport and Landfill Development Allocations
2-7	Proposed Plan: Utility corridors Designations
2-8	Proposed Plan: Major Right-of-Way Development Allocations
2-9	Proposed Plan: Minor Right-of-Way Development Allocations
2-10	Proposed Plan: Land Tenure Designations
2-11	Proposed Plan: Fluid Mineral Resource Allocations – Oil and Gas
2-12	Proposed Plan: Fluid Mineral Resource Allocations – Geothermal
2-13	Proposed Plan: Locatable Minerals Withdrawals
2-14	Proposed Plan: Nonenergy Leasable Resource Allocations
2-15	Proposed Plan: Mineral Materials Allocations

FIGURES (continued)

Page

2-16	Proposed Plan: Travel Management Allocations
2-17	Alternative A: Existing Habitat with Preliminary Priority and General Habitat
2-18	Alternative B: Habitat Management Areas
2-19	Alternative C: Habitat Management Areas
2-20	Alternative D: Habitat Management Areas
2-21	Alternative E: Habitat Management Areas
2-22	Alternative F: Habitat Management Areas
2-23	Alternative A: Available and Unavailable for Grazing
2-24	Alternative B: Available and Unavailable for Grazing
2-25	Alternative C: Available and Unavailable for Grazing
2-26	Alternative D: Available and Unavailable for Grazing
2-27	Alternative E: Available and Unavailable for Grazing
2-28	Alternative F: Available and Unavailable for Grazing
2-29	Alternative A: Travel Management Allocations
2-30	Alternative B: Travel Management Allocations
2-31	Alternative C: Travel Management Allocations
2-32	Alternative D: Travel Management Allocations
2-33	Alternative E: Travel Management Allocations
2-34	Alternative F: Travel Management Allocations
2-35	Alternative A: Right-of-Way Development Allocations
2-36	Alternative B: Right-of-Way Development Allocations
2-37	Alternative C: Right-of-Way Development Allocations
2-38	Alternative D: Right-of-Way Development Allocations
2-39	Alternative E: Right-of-Way Development Allocations
2-40	Alternative F: Right-of-Way Development Allocations
2-41	Alternative A: Wind and Solar Development Allocations
2-42	Alternative B: Wind and Solar Development Allocations
2-43	Alternative C: Wind and Solar Development Allocations
2-44	Alternative D: Wind and Solar Development Allocations
2-45	Alternative E: Wind and Solar Development Allocations
2-46	Alternative F: Wind and Solar Development Allocations
2-47	Alternative A: Existing Designated Utility Corridors
2-48	Alternative B: Existing Designated Utility Corridors
2-49	Alternative C: Existing Designated Utility Corridors
2-50	Alternative D: Existing Designated Utility Corridors
2-51	Alternative E: Existing Designated Utility Corridors
2-52	Alternative F: Existing Designated Utility Corridors
2-53	Alternative A: Fluid Mineral Resource Allocations – Oil and Gas
2-54	Alternative B: Fluid Mineral Resource Allocations – Oil and Gas
2-55	Alternative C: Fluid Mineral Resource Allocations – Oil and Gas
2-56	Alternative D: Fluid Mineral Resource Allocations – Oil and Gas
2-57	Alternative E: Fluid Mineral Resource Allocations – Oil and Gas
2-58	Alternative F: Fluid Mineral Resource Allocations – Oil and Gas



FIGURES (continued)

Page

2-59	Alternative A: Fluid Mineral Resource Allocations – Geothermal
2-60	Alternative B: Fluid Mineral Resource Allocations – Geothermal
2-61	Alternative C: Fluid Mineral Resource Allocations – Geothermal
2-62	Alternative D: Fluid Mineral Resource Allocations – Geothermal
2-63	Alternative E: Fluid Mineral Resource Allocations – Geothermal
2-64	Alternative F: Fluid Mineral Resource Allocations – Geothermal
2-65	Alternative A: Locatable Minerals Withdrawals
2-66	Alternative B: Locatable Minerals Withdrawals
2-67	Alternative C: Locatable Minerals Withdrawals
2-68	Alternative D: Locatable Minerals Withdrawals
2-69	Alternative E: Locatable Minerals Withdrawals
2-70	Alternative F: Locatable Minerals Withdrawals
2-71	Alternative A: Nonenergy Leasable Resource Allocations
2-72	Alternative B: Nonenergy Leasable Resource Allocations
2-73	Alternative C: Nonenergy Leasable Resource Allocations
2-74	Alternative D: Nonenergy Leasable Resource Allocations
2-75	Alternative E: Nonenergy Leasable Resource Allocations
2-76	Alternative F: Nonenergy Leasable Resource Allocations
2-77	Alternative A: Mineral Materials Allocations
2-78	Alternative A: BLM Areas of Critical Environmental Concern
2-79	Alternative C: BLM Areas of Critical Environmental Concern
2-80	Alternative F1: BLM Areas of Critical Environmental Concern
2-81	Alternative F2: BLM Areas of Critical Environmental Concern and Forest Service Zoological Areas

Volume One

1-1	Crosswalk between Habitat Classifications in the Draft and Final EIS.....	1-6
1-2	BLM and Forest Service Land Use Plans Proposed for Amendment	1-12
1-3	Identified Threats to Greater Sage-Grouse	1-14
1-4	Acres of GRSG Habitat by Surface Management.....	1-15
1-5	Acres of GRSG Habitat by County.....	1-17
1-6	County Land Use and Sage-Grouse Management Plans	1-43
2-1	USFWS Threats to GRSG and Their Habitat, Applicable BLM and Forest Service Proposed Plan Resource Program Areas Addressing these Threats	2-11
2-2	Idaho and Southwestern Montana GRSG EIS – Land Allocation Decisions Summary.....	2-16
2-3	Seasonal Habitat Desired Conditions for GRSG on BLM-Administered Lands.....	2-20
2-4	Anthropogenic Disturbances and Areas of Impact	2-31
2-5	Estimated Acres of Treatment Needed within a 10-Year Period to Achieve Vegetation Objectives on BLM-Administered Lands	2-36
2-6	Seasonal Habitat Desired Conditions for GRSG on National Forest System Lands	2-60
2-7	Treatment Acres per Decade on National Forest System Lands.....	2-64
2-8	Grazing Guidelines for GRSG Seasonal Habitat	2-66
2-9	Comparative Summary of Alternatives by Acres Allotted (Within GRSG Habitat).....	2-83
2-10	Goals and Objectives by Alternative	2-103
2-11	Management Actions by Alternative	2-107
2-12	Comparison of Alleviated Threats to GRSG in the Idaho and Southwest Montana Sub-Region	2-205
2-13	Summary of Environmental Consequences	2-213
3-1	Acres of GRSG Habitat by Surface Management.....	3-2
3-2	Acres of GRSG Habitat by Population Area within the Idaho and Southwestern Montana Planning Area.....	3-9
3-3	Acres of GRSG Population Areas within PACs	3-10
3-4	Habitat Conditions, Trends and Primary Threats to GRSG Habitat in the Idaho and Southwestern Montana Planning Area	3-13
3-5	Occupied Leks by GRSG Population Area in the Idaho and Southwestern Montana Sub-Region	3-23
3-6	Acres of Vegetation Communities within PPH and PGH on BLM-Administered and National Forest System Lands within the Planning Area	3-27
3-7	Acres of Low Sagebrush within PPH and PGH on BLM-Administered and National Forest System lands within the Planning Area by GRSG Analysis Area	3-28
3-8	Acres of Mixed Sagebrush within PPH and PGH on BLM-Administered and National Forest System lands within the Planning Area by GRSG Analysis Area	3-28
3-9	Acres of Tall Sagebrush within PPH and PGH on BLM-Administered and National Forest System lands within the Planning Area by GRSG Analysis Area.....	3-29
3-10	Acres of Annual Grass within PPH and PGH on BLM-Administered and National Forest System lands within the Planning Area by GRSG Analysis Area.....	3-30



TABLES (continued)**Page**

3-11	Acres of Perennial Grass within PPH and PGH on BLM-Administered and National Forest System lands within the Planning Area by GRSG Analysis Area	3-31
3-12	Acres of Crested Wheatgrass within PPH and PGH on BLM-Administered and National Forest System lands within the Planning Area by GRSG Analysis Area	3-32
3-13	Acres of Conifer Encroachment within PPH and PGH on BLM-Administered and National Forest System lands within the Planning Area by GRSG Analysis Area	3-33
3-14	Acres of Conifer and Pinyon-Juniper Land Cover within GRSG Habitat.....	3-35
3-15	Acres of Cheatgrass Potential within GRSG Habitat.....	3-35
3-16	Acres of Cropland within GRSG Habitat	3-35
3-17	Native and Nonnative Fish Species Found within the Planning Area and their Status ...	3-42
3-18	Special Status Species within the Planning Area.....	3-47
3-19	HMAs within the Planning Area.....	3-56
3-20	Acres of Wild Horse and Burro Areas within GRSG Habitat in the Planning Area.....	3-56
3-21	BLM Treatment Types and Acreages Over the Past Five Years	3-60
3-22	Acres of Wildland Fire within GRSG Habitat.....	3-68
3-23	Acres with High Probability for Wildland Fire within GRSG Habitat	3-68
3-24	Idaho and Southwestern Montana Sub-region Planning Area—Allotments	3-69
3-25	Acres of Grazing Allotments within GRSG Habitat.....	3-70
3-26	Acres of BLM Allotments Not Meeting Land Health Standards within GRSG Habitat	3-71
3-27	Miles of Fences within GRSG Habitat	3-71
3-28	Recreation Management Areas.....	3-73
3-29	Falconry Permits (Fall 2010-Spring 2011)	3-77
3-30	Travel Management Designations within the Planning Area	3-82
3-31	Miles of Roads within GRSG Habitat.....	3-83
3-32	Acres of Roads within GRSG Habitat.....	3-84
3-33	Acres of GRSG Habitat by Surface Management.....	3-85
3-34	Land Classifications/Designations in Planning Area (Acres).....	3-86
3-35	Acres of GRSG Habitat within City Limits	3-95
3-36	Number of Communication Towers within GRSG Habitat.....	3-95
3-37	Acres of Transmission Lines within GRSG Habitat.....	3-96
3-38	Acres of Utility Corridors within GRSG Habitat.....	3-96
3-39	Miles of Railroads within GRSG Habitat	3-97
3-40	Acres of Railroads within GRSG Habitat	3-97
3-41	Acres of Vertical Obstructions within GRSG Habitat.....	3-97
3-42	Acres of Wind Towers within GRSG Habitat.....	3-98
3-43	Acres of Wind Energy Authorizations within GRSG Habitat.....	3-98
3-44	Existing Mineral Materials Cases	3-103
3-45	Authorized or Pending 3809 Plans and Notices.....	3-109
3-46	BLM Areas of Critical Environmental Concern.....	3-121
3-47	BLM-Administered Wilderness Areas.....	3-126
3-48	National Forest System Wilderness Areas.....	3-128
3-49	National Park Service Wilderness Areas.....	3-129

TABLES (<i>continued</i>)	Page
------------------------------------	------

3-50	National Historic Trails	3-132
3-51	National Forest System Wild and Scenic Rivers.....	3-134
3-52	BLM-Administered Wild and Scenic Rivers.....	3-134
3-53	Acres of Conservation Areas within GRSG Habitat	3-134
3-54	Recorded Cultural Resource Surveys and Sites within GRSG Habitat in the Planning Area.....	3-146
3-55	Well Known Historic Properties within the Planning Area.....	3-146
3-56	Forest Service Priority Heritage Assets and Listed Properties within the Planning Area.....	3-147
3-57	BLM Visual Resource Management Class Acres.....	3-155
3-58	Lands with Wilderness Characteristics within the Planning Area.....	3-159
3-59	Commuter Patterns in the Socioeconomic Study Area, 2010	3-166
3-60	BLM and Forest Service Plans, Management Units, and Counties within the Socioeconomic Study Area	3-167
3-61	Population Growth, 1990-2010.....	3-169
3-62	Demographic Characteristics, Share in Total Population (Percent), 2010	3-171
3-63	Employment by Sector within the Socioeconomic Study Area	3-175
3-64	Labor Income by Sector within the Socioeconomic Study Area (2010 dollars)	3-177
3-65	Annual Unemployment, 2007 to 2013.....	3-181
3-66	Estimated Annual Visits by Planning Unit.....	3-183
3-67	Visitor Spending from Recreation on BLM-Administered and National Forest System Land in Socioeconomic Study Area, FY 2011.....	3-184
3-68	Farm Earnings Detail, 2010 (2010 dollars).....	3-185
3-69	Active and Billed Animal Unit Months.....	3-187
3-70	Mining Sector Employment by County	3-189
3-71	Payments in Lieu of Taxes (PILT) Received in the Socioeconomic Study Area by County in 2010	3-194
3-72	BLM and Forest Service Employment and Related Expenditures in the Socioeconomic Study Area	3-195
3-73	Population Race and Ethnicity, 2010	3-197
3-74	Low-Income Populations, 2006-2010 Average	3-199

Volume Two

4-1	GRSG Habitat Condition and Trend Analysis within the Idaho and Southwestern Montana Sub-region after 10 Years	4-23
4-2	GRSG Habitat Condition and Trend Analysis within the Idaho and Southwestern Montana Sub-region after 50 Years.....	4-24
4-3	GRSG Habitat within Avoidance Areas for ROWs and SUAs in the Idaho and Southwestern Montana Sub-region	4-25
4-4	GRSG Habitat within Exclusion Areas for ROWs and SUAs in the Idaho and Southwestern Montana Sub-region	4-27



TABLES (continued)**Page**

4-5	GRSG Habitat Acres Closed to Grazing in the Idaho and Southwestern Montana Sub-region	4-29
4-6	GRSG Habitat Where OHV Travel Would Be Limited to Roads, Primitive Roads, and Trails in the Idaho and Southwest Montana Sub-Region.....	4-33
4-7	GRSG Habitat within BLM ACECs and Forest Service Zoological Areas in the Idaho and Southwestern Montana Sub-region	4-35
4-8	Alternative A: Percent of GRSG Habitat and Occupied Leks in Areas Closed or with NSO Stipulations for Oil and Gas Leasing by Population Area.....	4-39
4-9	Alternative A: Percent of GRSG Habitat and Occupied Leks in Areas Closed to Nonenergy Leasable Mineral Leasing by Population Area	4-40
4-10	Alternative A: Percent of GRSG Habitat and Occupied Leks in Existing and Proposed Locatable Mineral Withdrawals by Population Area.....	4-41
4-11	Alternative A: Percent of GRSG Habitat and Occupied Leks Affected by Closure to Salable Minerals by Population Area	4-41
4-12	Alternative A: Percent of GRSG Habitat and Occupied Leks Affected by ROW Exclusion or Avoidance by Population Area.....	4-43
4-13	Alternative A: Percent of GRSG Habitat and Occupied Leks Within Areas Closed or with NSO Stipulations for Geothermal Energy by Population Area	4-43
4-14	Alternative A: Percent of GRSG Habitat and Occupied Leks Affected by Travel Management by Population Area.....	4-44
4-15	Acres of Designated Habitat Types in the Idaho and Southwestern Montana Sub-region	4-47
4-16	Acres of Priority Areas for Conservation within GRSG Analysis Areas in the Idaho and Southwestern Montana Sub-region	4-49
4-17	Alternative B: Percent of GRSG Habitat and Occupied Leks in Areas Closed or with NSO Stipulations for Oil and Gas Leasing by Population Area.....	4-54
4-18	Alternative B: Percent of GRSG Habitat and Occupied Leks in Areas Closed to Nonenergy Leasable Mineral Leasing by Population Area	4-54
4-19	Alternative B: Percent of GRSG Habitat and Occupied Leks Affected by Mineral Withdrawal by Population Area	4-55
4-20	Alternative B: Percent of GRSG Habitat and Occupied Leks Affected by Closure to Salable Minerals by Population Area	4-55
4-21	Alternative B: Percent of GRSG Habitat and Occupied Leks Affected by ROW Exclusion or Avoidance by Population Area.....	4-56
4-22	Alternative B: Percent of GRSG Habitat and Occupied Leks Within Areas Closed or with NSO Stipulations for Geothermal Energy by Population Area	4-57
4-23	Alternative B: Percent of GRSG Habitat and Occupied Leks Affected by Travel Management Designations by Population Area	4-58
4-24	Alternative C: Percent of GRSG Habitat and Occupied Leks Within Areas Closed or with NSO Stipulations for Oil and Gas Leasing by Population Area	4-61
4-25	Alternative C: Percent of GRSG Habitat and Occupied Leks Within Areas Closed to Nonenergy Leasable Mineral Leasing by Population Area	4-61

TABLES (continued)**Page**

4-26	Alternative C: Percent of GRSG Habitat and Occupied Leks Affected by Mineral Withdrawal by Population Area.....	4-62
4-27	Alternative C: Percent of GRSG Habitat and Occupied Leks Affected by Closure to Salable Minerals by Population Area	4-62
4-28	Alternative C: Percent of GRSG Habitat and Occupied Leks Affected by ROW Exclusion or Avoidance by Population Area.....	4-63
4-29	Alternative C: Percent of GRSG Habitat and Occupied Leks Within Areas Closed or with NSO Stipulations for Geothermal Energy by Population Area	4-64
4-30	Alternative C: Percent of GRSG Habitat and Occupied Leks Affected by Travel Management Designations by Population Area	4-64
4-31	Alternative D: Percent of GRSG Habitat and Occupied Leks Within Areas Closed or with NSO Stipulations for Oil and Gas Leasing by Population Area	4-66
4-32	Alternative D: Percent of GRSG Habitat and Occupied Leks Within Areas Closed to Nonenergy Leasable Mineral Leasing by Population Area	4-67
4-33	Alternative D: Percent of GRSG Habitat and Occupied Leks Affected by Mineral Withdrawal by Population Area	4-67
4-34	Alternative D: Percent of GRSG Habitat and Occupied Leks Affected by Closure to Salable Minerals by Population Area	4-68
4-35	Alternative D: Percent of GRSG Habitat and Occupied Leks Affected by ROW Exclusion or Avoidance by Population Area.....	4-68
4-36	Alternative D: Percent of GRSG Habitat and Occupied Leks Within Areas Closed or with NSO Stipulations for Geothermal Energy by Population Area	4-69
4-37	Alternative D: Percent of GRSG Habitat and Occupied Leks Affected by Travel Management Designations by Population Area	4-69
4-38	Alternative D: Percent of GRSG Habitat and Occupied Leks Affected by Adaptive Management Trigger in IHMA by Population Area	4-70
4-39	Alternative E: Percent of GRSG Habitat Designations and Occupied Leks within each Conservation Area	4-72
4-40	Alternative E: Percent of GRSG Habitat and Occupied Leks Within Areas Closed or with NSO Stipulations for Oil and Gas Leasing by Population Area	4-73
4-41	Alternative E: Percent of GRSG Habitat and Occupied Leks Within Areas Closed to Nonenergy Leasable Mineral Leasing by Population Area	4-73
4-42	Alternative E: Percent of GRSG Habitat and Occupied Leks Affected by Closure to Salable Minerals by Population Area	4-74
4-43	Alternative E: Percent of GRSG Habitat and Occupied Leks Affected by ROW Exclusion or Avoidance by Population Area.....	4-74
4-44	Alternative E: Percent of GRSG Habitat and Occupied Leks Within Areas Closed or with NSO Stipulations for Geothermal Energy by Population Area	4-75
4-45	Alternative E: Percent of GRSG Habitat and Occupied Leks Affected by Travel Management Designations by Population Area	4-76
4-46	Alternative E: Percent of GRSG Habitat and Occupied Leks Affected by Adaptive Management Trigger in IHZ by Population Area.....	4-76



TABLES (continued)**Page**

4-47	Alternative F: Percent of GRSG Habitat and Occupied Leks Affected by Closure to Salable Minerals by Population Area	4-78
4-48	Alternative F: Percent of GRSG Habitat and Occupied Leks Affected by ROW Exclusion or Avoidance by Population Area.....	4-79
4-49	Alternative F: Percent of GRSG Habitat and Occupied Leks Affected by Travel Management Designations by Population Area	4-80
4-50	Proposed Plan: Percent of GRSG Habitat and Occupied Leks Within ROW/SUA Exclusion or Avoidance Areas for Major ROWs/SUAs by Population Area.....	4-81
4-51	Proposed Plan: Percent of GRSG Habitat and Occupied Leks Within ROW/SUA Exclusion or Avoidance Areas for Minor ROWs/SUAs by Population Area.....	4-82
4-52	Proposed Plan: Modeled Habitat Trends by Analysis Area.....	4-82
4-53	Proposed Plan: Percent of GRSG Habitat and Occupied Leks in Areas Closed or with NSO Stipulations for Oil and Gas Leasing by Population Area.....	4-84
4-54	Proposed Plan: Percent of GRSG Habitat and Occupied Leks Within Areas Closed or with NSO Stipulations for Geothermal Energy by Population Area	4-85
4-55	Proposed Plan: Percent of GRSG Habitat and Occupied Leks in Areas Closed to Nonenergy Leasable Mineral Leasing by Population Area	4-85
4-56	Proposed Plan: Percent of GRSG Habitat and Occupied Leks Within Existing and Proposed Locatable Mineral Withdrawals by Population Area.....	4-86
4-57	Proposed Plan: Percent of GRSG Habitat and Occupied Leks Affected by Closure to Salable Minerals by Population Area	4-87
4-58	Proposed Plan: Percent of GRSG Habitat and Occupied Leks in Each Travel Management Designation by Population Area	4-88
4-59	Proposed Plan: Percent of GRSG Habitat and Occupied Leks Affected by Adaptive Management Trigger in IHMA by Population Area	4-90
4-60	Acres of Sagebrush Vegetation within ROW Avoidance Areas in the Idaho and Southwest Montana Sub-Region.....	4-99
4-61	Acres of Sagebrush Vegetation within ROW Exclusion Areas in the Idaho and Southwest Montana Sub-Region.....	4-100
4-62	Acres of Sagebrush Vegetation Closed to Nonenergy Leasable Mineral Leasing in the Idaho and Southwest Montana Sub-Region	4-103
4-63	Acres of Sagebrush Vegetation Closed to Mineral Materials Disposal in the Idaho and Southwestern Montana Sub-region.....	4-104
4-64	Acres of Sagebrush Vegetation Closed to Fluid Mineral Leasing in the Idaho and Southwestern Montana Sub-region	4-105
4-65	Acres of Sagebrush Vegetation Limited to Existing Roads in the Idaho and Southwest Montana Sub-Region.....	4-106
4-66	Acres of Sagebrush Vegetation Closed to Livestock Grazing in the Idaho and Southwestern Montana Sub-region	4-107
4-67	Acres of Sagebrush Vegetation within BLM ACECs and Forest Service Zoological Areas in the Idaho and Southwestern Montana Sub-region	4-111
4-68	Acres of Annual Grassland within GRSG Analysis Areas in the Idaho and Southwestern Montana Sub-region	4-112

TABLES (continued)**Page**

4-69	Acres of Conifer Encroachment within GRSG Analysis Areas in the Idaho and Southwestern Montana Sub-region	4-114
4-70	Acres of Crested Wheatgrass within GRSG Analysis Areas in the Idaho and Southwestern Montana Sub-region	4-116
4-71	Acres of Low Sagebrush within GRSG Analysis Areas in the Idaho and Southwestern Montana Sub-region	4-118
4-72	Acres of Mixed Sagebrush within GRSG Analysis Areas in the Idaho and Southwestern Montana Sub-region	4-120
4-73	Acres of Tall Sagebrush within GRSG Analysis Areas in the Idaho and Southwestern Montana Sub-region	4-122
4-74	Acres of Perennial Grassland within GRSG Analysis Areas in the Idaho and Southwestern Montana Sub-region	4-124
4-75	Proposed Plan GRSG Management Areas by HMA	4-153
4-76	Overview Comparison of Impacts on Range Management by Alternative within GRSG Habitat	4-183
4-77	OHV Area Designations by Alternative in GRSG Habitat Management Areas	4-205
4-78	Oil and Gas Leasing Categories in Unleased Medium Potential Areas by Alternative... <td>4-228</td>	4-228
4-79	Management Actions Affecting Geothermal Development	4-240
4-80	Management Actions by Geothermal Potential.....	4-240
4-81	Quantitative Impacts on Locatable Minerals	4-251
4-82	Mineral Materials by Alternative	4-256
4-83	Nonenergy Leasable Minerals by Alternative.....	4-261
4-84	Comparison of ACEC-Affecting Management Actions by Alternative	4-271
4-85	Acres of Proposed ACECs within the Planning Area by Habitat Type and Alternative	4-273
4-86	Acres of Allocations Potentially Affecting Lands with Wilderness Characteristics and Roadless Areas	4-281
4-87	Annual Impact of Management Actions Affecting Livestock AUMs on Output, Employment, and Earnings Compared to Alternative A.....	4-294
4-88	Economic Impacts Relative to Alternative A	4-313
4-89	Social Impacts Relative to Alternative A	4-315
4-90	Environmental Justice Impacts	4-319
5-1	Management Jurisdiction in MZ IV by Acres of Priority and General Habitats	5-7
5-2	Acres of Rights-of-Way Designations in GRSG Habitat in MZ IV.....	5-25
5-3	Acres of Existing and Proposed Utility Corridors in GRSG Habitat in MZ IV	5-26
5-4	Acres of Wind Energy Management Designations in GRSG Habitat in MZ IV	5-28
5-5	Acres Available and Unavailable to Livestock Grazing in GRSG Habitat in MZ IV	5-32
5-6	Acres Identified for Retention and Disposal in GRSG Habitat in MZ IV	5-35
5-7	Acres Open* and Closed to Fluid Mineral Leasing in GRSG Habitat in MZ 1V.....	5-38
5-8	Acres with NSO and CSU/TL Stipulations in GRSG Habitat in MZ 1V	5-39
5-9	Acres Open and Closed to Mineral Material Disposal in GRSG Habitat in MZ IV	5-42
5-10	Acres Open and Recommended for Withdrawal from Mineral Entry in GRSG Habitat in MZ IV	5-44



TABLES (continued)**Page**

5-11	Acres Open and Closed to Nonenergy Leasable Mineral Leasing in GRSG Habitat in MZ IV.....	5-46
5-12	Acres of Travel Management Designations in GRSG Habitat in MZ IV	5-49
5-13	Management Jurisdiction in MZs II/VII by Acres of Priority and General Habitats	5-51
5-14	Acres Open* and Closed to Fluid Mineral Leasing in GRSG Habitat in MZ II/VII	5-58
5-15	Acres with NSO and CSU/TL Stipulations in GRSG Habitat in MZ II/VII.....	5-59
5-16	Acres Open and Closed to Mineral Material Disposal in GRSG Habitat in MZ II/VII.....	5-62
5-17	Acres Open and Recommended for Withdrawal from Mineral Entry in GRSG Habitat in MZ II/VII	5-64
5-18	Acres Open and Closed to Nonenergy Leasable Mineral Leasing in GRSG Habitat in MZ II/VII	5-66
5-19	Acres of Rights-of-Way Designations in GRSG Habitat in MZ II/VII.....	5-68
5-20	Acres of Wind Energy Management Designations in GRSG Habitat in MZ II/VII.....	5-70
5-21	Acres Available and Unavailable to Livestock Grazing in GRSG Habitat in MZ II/VII.....	5-72
5-22	Acres Identified for Retention and Disposal in GRSG Habitat in MZ II/VII	5-76
5-23	Acres of Travel Management Designations in GRSG Habitat in MZ II/VII.....	5-79
5-24	Reasonably Foreseeable Future Actions in Management Zone IV Likely to Impact GRSG Habitat	5-88
5-25	Reasonably Foreseeable Future Actions in Management Zone II/VII Likely to Impact GRSG Habitat.....	5-98
5-26	Past, Present, and Reasonably Foreseeable Future Actions.....	5-103
5-27	Number of Wells and Permanent Disturbance Predicted, by Alternative.....	5-168
5-28	Projected Employment by Alternative for Primary Socioeconomic Study Area.....	5-177
6-1	Idaho and Southwestern Montana Sub-region Scoping Open Houses	6-3
6-2	Number of Unique Submissions and Comments by Affiliation.....	6-8
6-3	Number of Comments on the Draft LUPA/EIS by Category	6-10
6-4	Overview of Comments by Category.....	6-11
6-5	Idaho and Southwestern Montana Sub-region Cooperating Agency Participation.....	6-16
6-6	List of Preparers	6-20

APPENDICES

Volume Three

- A Chapter 2 Maps
- B Required Design Features (RDFs)
- G Anthropogenic Disturbance and Adaptive Management
- J Mitigation
- DD Buffers

Volume Four

- C Seasonal Timing Restriction
- D Fire and Invasives Assessment Tool (FIAT)
- E The Greater Sage-Grouse Draft Monitoring Framework
- F Key Habitat Map Update Process
- H Anthropogenic Disturbance Calculation
- I Montana Action Screen and Mitigation Process
- K Lands No Longer Available For Disposal
- L Travel Management Planning Guidelines
- M GRSG Implementation and Coordination
- N Proposed Plan Mapping Adjustments
- O Reasonably Foreseeable Development Scenario for Greater Sage-Grouse Habitat in the Idaho and Southwestern Montana Sub-region
- P Slickspot Peppergrass Conservation Agreement
- Q State of Idaho Governor's Alternative
- R Custer and Owyhee County Plan Evaluation
- S BLM Areas of Critical Environmental Concern Evaluation and Forest Service Zoological Areas
- T Public Comment Response Report
- U Detailed Description of the No Action Alternative
- V Greater Sage-Grouse Habitat Delineations
- W Forest Service Alternative D Language
- X Vegetation Dynamics Development Tool
- Y Biological Assessment
- Z Detailed Employment and Earnings Data
- AA Economic Impact Analysis Methodology
- BB Non-Market Valuation Methods
- CC Forest Service Biological Evaluation and Wildlife Specialist Report
- EE Comparison between Proposed Plan and Co-Preferred Alternatives

